

## Namoi Valley Water Balance 2007/08

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage volume (1)</b>					
Volume in storage at start of year	37,644				
Volume in storage at end of year	119,972				
<b>Change in storage</b>			<b>82,328</b>	<b>41%</b>	100%
<b>Storage net evaporation (2)</b>			<b>7,350</b>	<b>4%</b>	100%
<b>Inflows</b>					
Storage Inflows	86,859	43%			100%
Downstream tributaries (3)	114,112	57%			100%
<b>Subtotal</b>	<b>200,971</b>	<b>100%</b>			100%
<b>Net Water diverted under water rights (4)</b>					
Domestic and stock rights			1,936	1%	0%
Native title rights			-	0%	0%
<b>Subtotal</b>			<b>1,936</b>	<b>1%</b>	0%
<b>Net Water diverted under access licences</b>					
Domestic and stock			1,185	1%	100%
High security			283	0%	100%
General security			20,607	10%	100%
Local water utility			440	0%	100%
Major water utility			-	0%	100%
Supplementary water			28,691	14%	100%
Conveyance			-	0%	100%
<b>Subtotal</b>			<b>51,206</b>	<b>25%</b>	100%
<b>Environmental water</b>					
Net diversions to wetlands			-	0%	0%
End of system flows (5)			38,665	19%	100%
<b>Subtotal</b>			<b>38,665</b>	<b>19%</b>	100%
<b>Other outflows (6)</b>			<b>1,944</b>	<b>1%</b>	100%
<b>Unaccounted difference (3)</b>			<b>17,542</b>	<b>49%</b>	99%
<b>TOTAL</b>	<b>200,971</b>	<b>100%</b>	<b>200,971</b>	<b>100%</b>	99%
Notes					

(1) Split Rock Dam, Keepit Dam and Mollee Weir

(2) Includes net evaporation from Split Rock and Keepit Dams

(3) Downstream tributaries include; Peel R, Mooki R, Coxs CK, Brigalow CK

(4) Water rights are not metered. Values presented are estimated from recommended values provided in the Water Sharing Plan.

(5) End of system flow - Namoi at Walgett

(6) Other outflows - stock and domestic replenishments of the Pian CK.

(7) Unaccounted difference is estimated as the difference between inflows, outflows and change in storage. This includes river evaporation, seepage, overbank flows, theft and any measurement errors recording other components.